

IN THE CLAIMS:

Please amend claim 86 and add new claims 132-133, as follows:

86. (Amended) A transgenic soybean plant which contains a heterologous gene which encodes an EPSPS enzyme having a K_m for phosphoenolpyruvate (PEP) between 1 and 150 μM and a $K_i(\text{glyphosate})/K_m(\text{PEP})$ ratio between [about 2] 3 and 500, said plant exhibiting tolerance to N-phosphonomethylglycine herbicide at a rate of 1 lb/acre without significant yield reduction due to herbicide application.

132. (New) A transgenic soybean plant which contains a heterologous gene which encodes an EPSPS enzyme having a K_m for phosphoenolpyruvate (PEP) between 1 and 150 μM and a $K_i(\text{glyphosate})/K_m(\text{PEP})$ ratio of about 2, said plant exhibiting tolerance to N-phosphonomethylglycine herbicide at a rate of 1 lb/acre without significant yield reduction due to herbicide application.

133. (New) Seed of a soybean plant of claim 134.